Tertiary and Vocational Education Commission

NVQ Level 05 – Semester II

Information & Communication Technology

Web Programming – Theory	**K72C001M07**	**Three Hours**

Answer all questions

Question 01

Give short answers to following questions; **(20 Marks)**

a) What do you mean by HTML?
b) What do you mean by Tags in HTML?
c) What is the Marquee tag?
d) How will you make the image as the background of the web pages?
e) How do you create a Link that Opens a New Window?

Question 02

1. Describe briefly; **(08 marks)**

   a. HTTP

   b. HTTPS

   c. FTP

   d. SSL

2. What are the key differences between Static and Dynamic Web Pages

   (05 marks)

3. Give three (03) real world examples for usage of Dynamic web pages.

   (03 marks)

4. What do you mean by **cookies** on the internet? **(04 marks)**

Question 03

1. How can you reduce web page loading time? **(04 marks)**

2. What is the role of the web server and give two(02) example for webservers

   (06 Marks)

3. What is the role of the DNS server? **(04 Marks)**

4. Write down the main steps of website hosting in the internet **(06 marks)**

Question 04

1. Explain the three (03) differences between XML and HTML   **(06 marks)**
2. What is the role of XSLT?   **(04 marks)**
3. Write a XML file to handle two students information who have NVQ level 5 certificate

    (10 marks)

   a. **Students' information may include:** name, age, course, gender and NVQ Level

Question 05

1. List five (4) advantages of using CSS in the website   **(04 Marks)**
2. Briefly explain following terms with examples in relation to the CSS   **(12 marks)**
   a. Inline
   b. Internal
   c. External
3. Create an internal CCS script to fulfil the following criteria   **(04 marks)**
   a. Rows in odd numbers should have background colour – #9999ff and rows in even number should have background colour - #ff7400